#6

SEQUENCE LISTING

<110> Hansen, Mark R.
      Kho, Richard
      Villar Hugo O.

<120> Methods For Determining Polypeptide
      Structure, Function or Pharmacophore From Comparison of
      Polypeptide Sequences

<130> P-TB 5067

<140> US 10/032,395
<141> 2001-12-21

<160> 2

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 177
<212> PRT
<213> E. coli

<400> 1
Met Lys Gln Leu Thr Ile Leu Gly Ser Thr Gly Ser Ile Gly Cys Ser
1   5   10   15
Thr Leu Asp Val Val Arg His Asn Pro Glu His Phe Arg Val Val Ala
            20   25   30
Leu Val Ala Gly Lys Asn Val Thr Arg Met Val Glu Gln Cys Leu Glu
        35   40   45
Phe Ser Pro Arg Tyr Ala Val Met Asp Asp Glu Ala Ser Ala Lys Leu
    50   55   60
Leu Lys Thr Met Leu Gln Gln Gln Gly Ser Arg Thr Glu Val Leu Ser
65   70   75   80
Gly Gln Gln Ala Ala Cys Asp Met Ala Ala Leu Glu Asp Val Asp Gln
                85   90   95
Val Met Ala Ala Ile Val Gly Ala Ala Gly Leu Leu Pro Thr Leu Ala
            100   105   110
Ala Ile Arg Ala Gly Lys Thr Ile Leu Leu Ala Asn Lys Glu Ser Leu
        115   120   125
Val Thr Cys Gly Arg Leu Phe Met Asp Ala Val Lys Gln Ser Lys Ala
    130   135   140
Gln Leu Leu Pro Val Asp Ser Glu His Asn Ala Ile Phe Gln Ser Leu
145   150   155   160
Pro Gln Pro Ile Gln His Asn Leu Gly Tyr Ala Asp Leu Glu Gln Asn
                165   170   175
Gly

<210> 2

```
<211> 147
<212> PRT
<213> S. aureas

<400> 2
Ser Thr Lys Val Val Asn Val Ala Val Ile Gly Ala Gly Val Val Gly
 1               5                  10                  15
Ser Ala Phe Leu Asp Gln Leu Leu Ala Met Lys Ser Thr Ile Thr Tyr
            20                  25                  30
Asn Leu Val Leu Leu Ala Glu Ala Glu Arg Ser Leu Ile Ser Lys Asp
        35                  40                  45
Phe Ser Pro Leu Asn Val Gly Ser Asp Trp Lys Ala Ala Leu Ala Ala
    50                  55                  60
Ser Thr Thr Lys Thr Leu Pro Leu Asp Asp Leu Ile Ala His Leu Lys
65                  70                  75                  80
Thr Ser Pro Lys Pro Val Ile Leu Val Asp Asn Thr Ser Ser Ala Tyr
            85                  90                  95
Ile Ala Gly Phe Tyr Thr Lys Phe Val Glu Asn Gly Ile Ser Ile Ala
            100                 105                 110
Thr Pro Asn Lys Lys Ala Phe Ser Ser Asp Leu Ala Thr Trp Lys Ala
        115                 120                 125
Leu Phe Ser Asn Lys Pro Thr Asn Gly Phe Val Tyr His Glu Ala Thr
    130                 135                 140
Val Gly Ala
145
```